

Aquatic Ecosystems and Water, Climate, Energy, and Global Issues

Created using 2018 checksheet guidelines

Updated October 11, 2017

FIRST YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
ENGL 1105	First Year Writing	3	CLE Area 1
MATH 1025	Elementary Calculus	3	CLE Area 5
CHEM 1035	General Chemistry	3	CLE Area 4
CHEM 1045	General Chemistry Lab	1	CLE Area 4
Restricted Elective	Restricted Elective	3	Restricted Elective
CLE Area 6	CLE Area 6	1	CLE Area 6

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FIRST YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
ENGL 1106	First Year Writing	3	CLE Area 1
MATH 1026	Elementary Calculus	3	CLE Area 5
BIOL 1106	Principles of Biology	3	CLE Area 4
BIOL 1116	Principles of Biology Lab	1	CLE Area 4
CLE Area 7	CLE Area 7	3	CLE Area 7
CLE Area 2	CLE Area 2	3	CLE Area 2

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SECOND YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
GEOG/NR 2004	Intro to Water Resources and Environmental Issues	3	Core
AAEC 1005	Economics of the Food and Fiber System	3	CLE Area 3 *
BIOL 1005	General Biology	3	Free *
PHYS 2205	General Physics	3	Core
PHYS 2215	General Physics Lab	1	Core
GEOG 2084	Principles of Geographic Information Systems	3	Core

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SECOND YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
AAEC 1006	Economics of the Food and Fiber System	3	CLE Area 3
BIOL 2804	Ecology	3	Restricted Elective *
BIOL 2704	Evolutionary Biology	3	Restricted Elective *
CSES 3134	Soils in the Landscape	3	Restricted Elective *
CLE Area 2	CLE Area 2	3	CLE Area 2

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THIRD YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
ENSC 3604	Fundamentals of Environmental Science	3	Core
ENGL 3764	Technical Writing	3	Core
UAP 3354	Intro to Environmental Policy and Planning	3	Core
FOR 4374	Forested Wetlands	3	Specialization (Aquatic Ecosystems)
FOR/SBIO 2784	Global Forest Sustainability	3	Specialization (Water, Climate, etc.)

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THIRD YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
FOR 3104	Principles of Watershed Hydrology	3	Core
AAEC 3314	Environmental Law	3	Core
AAEC 3324	Environmental and Sustainable Development Economics	3	Core
FOR 2124	Forest, Society, and Climate	3	Specialization (Water, Climate, etc.)
FIW 4614	Fish Ecology	3	Specialization (Aquatic Ecosystems)

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FOURTH YEAR

FALL SEMESTER

Class Number	Class Name	Hours	Requirement
BIOL 4004	Freshwater Ecology	4	Specialization (Aquatic Ecosystems)
UAP 3344	Global Environmental Issues: Interdisciplinary Perspectives	3	Specialization (Water, Climate, etc.)
FOR 4464	Water Resources Policy and Economics	3	Specialization Elective (Water, Climate, etc.)
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free Elective

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FOURTH YEAR

SPRING SEMESTER

Class Number	Class Name	Hours	Requirement
ALS/NR 4614	Watershed Assessment, Management, and Policy	2	Core
ENSC 4314	Water Quality	3	Core
BIOL 4114	Global Change Ecology	3	Specialization Elective (Aquatic Ecosystems)
Restricted Elective	Restricted Elective	3	Restricted Elective
Free Elective	Free Elective	3	Free Elective

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121 Hours

* Classes noted with * are prerequisites as follows:

BIOL 1005 is a prerequisite for BIOL 2704 and BIOL 2804

AAEC 1005 is a prerequisite for AAEC 3324 and FOR 4464

BIOL 2804 is a prerequisite for BIOL 4004 and 4114

BIOL 2704 is a prerequisite for BIOL 4114

CSES 3134 is a prerequisite for FOR 4374